CLAIMS

1. A method and a system for controlling, navigating and managing data files, url's and other file system objects in a computer system or appliances enhanced by a computer system using code-based commands comprising:

a processing equipment consisting of a main housing connected to a main power switch, said main housing being provided with a user input, a program loaded into said housing, electronic control elements interconnected and integrated with said program on said main housing, with front panels being provided with output and input connectors;

a centralized digital content menu system interface being integrated on said processing equipment, the centralized digital content menu interface using code-based commands consisting of codes with reference to file system objects stored in current and specified locations on said processing equipment, wherein said file system objects are controlled, navigated and managed through said code-based commands;

a display monitor connected to said processing equipment; and

interface command means adapted to relay a desired file system object from said processing equipment by an on-screen display thereof on said display monitor using said code-based commands.

2. A computer system in accordance with claim 1, wherein the processing equipment is designed to be built over a middleware defined as a TV User Interface "TUI" which adopts the number-based interface of TV remote control.

3. A computer system in accordance with claim 1, wherein numbers define said code-based commands, called the recursive numbering system.

4. A computer system in accordance with claim 1, wherein a combination of numbers, numbers and alphabets or numbers, alphabets and symbols, define said code-based commands.

5. A computer system in accordance with claims 1,2 or 3, wherein said interface command means is any remote control device.

6. A computer system in accordance with claims 1, 2 or 3, wherein said interface command means is a wireless keyboard.

7. A computer system in accordance with claims 1, 2 or 3, wherein said interface command means is any device with a key pad.

8. A computer system in accordance with claims 1, 2 or 3, wherein said interface command means is voice activated.

9. A computer system in accordance with claims 1, 2 or 4 wherein said display monitor is a TV screen.

10. A computer system in accordance with claims 1, 2 or 4 wherein said display monitor is an LCD (Liquid Crystal Display) screen.

11. A computer system in accordance with claims 1, 2 or 4 wherein said display monitor is a PDA (Personal Digital Assistant).

12. A computer system in accordance with claims 1, 2 or 3, wherein application program is capable of commanding file system objects from said processing equipment and displaying on the screen of said display monitor the desired file system objects.

13. A computer system in accordance with claims 1, 2 or 3, wherein application program is capable of

organizing file system objects, as well as adding or deleting file system objects in an organizer which functions as a portal.

14. A computer system in accordance with claim, 1, 2 or 3 wherein said file system objects consist of digital files, functions, hyperlinks and URLs.

15. A method in a computer system having a user, a processing system, a plurality of file system objects, each file system objects having a visual representation, the method for controlling, managing and navigating the whole digital contents of a computer system using number-based commands under the control of the processing system, the method comprising the steps of: the user will turn on the processing equipment and the display monitor. Immediately thereafter, the "TUI" will appear in the display means. "TUI" primarily functions as a portal containing the pre-selected digital files shown in the file organizer area 14a of the "TUI," each file corresponding to a particular number. The file organizer may comprise of several digital pages. Beside the file organizer is a video area and an information area. The video area shows a preview of the files selected while the information area shows the detailed specifications of the said file. On the top portion of the "TUI" is a menu bar area. By pressing the pound sign "#," the multi media key bar (MMK) will appear, while pressing on the asterisk sign "*," the top task bar (TTB) will appear.

The user will simply press the number corresponding to a particular digital file in the file organizer, which runs for several pages. The user may also press the pound sign "#" to activate the multi media key bar (MMK) which will appear in the menu bar area as shown in Figure 4, or press the asterisk sign "*" to activate the top task bar (TTB) which will appear likewise in the menu bar area.

Thereafter, the user may press any number corresponding to a function in the multi media key bar (MMK) and top task bar (TTB) to activate the particular desired function. The user may also opt to go to the internet to access any digital file or url which is not part of the pre-selected set. By pressing "0" which corresponds to the address icon of the TTB, and typing into the space provided beside the address icon his/her desired URL, the desired webpage will appear on-screen in the display means. Thereafter, all hyperlinks and functions in said web page will be automatically assigned a code or number. As such, the user can choose and access such links or functions in the web page by pressing the corresponding code or number. For the easy reference of the user, the websites visited will be recorded and retrieved by using the drop down menu and/or history. Each website visited is again assigned a code or number. Thus, the user merely has to press the number corresponding to the desired website.